Inventor: Evelyn Waters Parker
Citizenship: United States
Address: 187 Pine Branch Drive
Stockbridge, GA 30281
Title: A Laptop DrawerDrop

SPECIFICATION

The Laptop DrawerDrop is a 1/4" thick x 13" long x 16" deep flat topped rectangular surface. On the underside are two parallel 1" deep 13" long x 1/4" thick strips 12-1/2" apart (inside center measurement) that are molded or mounted depending on whether item is of polymer, gel, leather or wood construction. When a desk drawer is opened the "DrawerDrop" is dropped onto that opening and the protruding strips will prevent horizontal slipping. The 13" length provides sufficient surface to extend under the overlap of almost any manufactured office desk top thereby preventing vertical flipping. This item provides a convenient, temporary, space efficient surface for a laptop computer while leaving the desk surface free.

TITLE OF INVENTION

A Laptop DrawerDrop

CROSS-REFERENCE TO RELATED APPLICATIONS

Not Applicable

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

Not Applicable

REFERENCE TO SEQUENCE A LISTING, A TABLE, OR A COMPUTER PROGRAM LISTING COMPACT DISK APPENDIX

Not Applicable

BACKGROUND OF THE INVENTION

This invention is an endeavor to provide a non-technical laptop computer accessory that will not take up the work space on top of a desk. It does not have to be assembled or mechanically attached to the desk. The DrawerDrop can be put in place or removed quickly.

BRIEF SUMMARY OF THE INVENTION

This invention will provide a space saving temporary but sturdy work surface for laptop computers that stores easily, is removed or placed quickly, and provides a workspace option for left-handed or right-handed people while it leaves desk top work space free.

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING

Figure 1A : 45˚ angle drawing of the Laptop DrawerDrop
Figuer 2A: Overhead view of the Laptop DrawerDrop (--- depicts under the desk edge) in place

Inventor: Evelyn Waters Parker
Citizenship:United States
Address: 187 Pine Branch Drive
Stockbridge, GA 30281
Title: A Laptop DrawerDrop

Figure 3A: 90° view of the Laptop DrawerDrop in place on the desk
Figure 4A: Side view depicts protrusion of invention under the manufactured desk top

DETAILED DESCRIPTION OF THE INVENTION

This invention is designed to fit securely over the top of an opened desk drawer in order to provide the option of placing a laptop computer on the left or the right side of the user and off of the actual desk top workspace. It takes up no floor space. If access to the drawer becomes necessary the Laptop DrawerDrop is simply lifted up and set back down. There is no assembly required. It is a reasonable efficient solution to the problem of space saving.

Figure 1A: This invention is a 13" x 16" x 1/4"flat rectangular top. Underneath the top are two 13" x 1" x 1/4" strips. The strips are 12-1/2" apart (each 6-1/4" from center) and run parallel down the 13" side of the rectangle and perpendicular to the 16" side of the rectangle.

Figure 2A: This overhead drawing demonstrates that the invention takes up no more floor space than an open drawer. The --- demonstrates that since the edge of the invention is actually under the desktop the invention cannot flip out.

Figure 3A: This drawing shows the correct placement of the invention on the drawer.

Figure 4A: Depicts a full side view of the invention tucked safely under the existing desk top yet allowing full access to the laptop computer.

If selected material is wood the invention can be made by cutting one 13" x 16" rectangle from a piece of 1/4" thick wood. Next cut two 13" x 1" strips from 1/4" thick wood.
Measuring halfway across the 16" length of the bottom of the rectangle mark 8", repeat this at 4" intervals.
Measure 6-1/4" back toward rectangle edge from the 8" center mark. Repeat this at 4" intervals.
Draw a line from all the 6-1/4" marks on each side.
Using wood glue mount the strips to the underside of the rectangle from the outside of that 6-1/4" line toward the edge of the rectangle.
When glue dries turn the invention over and screw 4, 3/4" long wood screws through the rectangle into the strips.
Wood can be sanded and finished as desired.

If selected material is solidifying gel, rubber, or a polymer material or metal that can be molded a plaster mold could be made of a completed wooden prototype.
From that a pouring mold could be constructed of the entire unit as a one solid piece item (surface plus strips all one piece).